☑001/011

Serial No. 10/083,774

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:	Thomas A. Millott, et al.		
SERIAL NO.:	10/083,774	GROUP ART:	2644
FILED:	2/27/02	EXAMINER:	Brian T. Pendleton
FOR:	COMPUTATIONALLY EFFICIENT MEANS FOR OPTIMAL CONTROL WITH CONTROL CONSTRAINTS		

ATTORNEY DOCKET NO: 67,008-038/S-5451

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

In response to the first Office Action from the Examiner mailed January 6, 2005, please amend the application as follows:

Amendments to the claims are reflected in the complete listing of the claims beginning on page 2.

Remarks begin on page 11.

CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States patent and Trademark Office, fax number (703) 872-9306, on February 23, 2005.
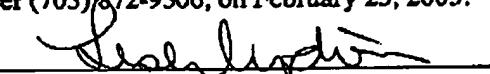
_____
Lesley Upton

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REMARKS

The Examiner has indicated that claims 12-15 are allowed and that claims 4-11, 17-19 and 21-25 would be allowable if amended into independent form. Applicant has incorporated allowable claim 7 into independent claim 1 and has amended allowable claim 8 into independent form. Independent claim 16 has been amended to include the limitations of allowable claim 17. Independent claim 20 has been amended to include the limitations of allowable claim 21. New claim 26 incorporates the limitations of allowable claim 5 into independent form. Applicant has also made minor corrections and clarifications to several claims.

It is believed that this application is in condition for allowance. Please charge Deposit Account No. 50-1482 $500 for two additional independent claims in excess of three and two additional claims total in excess of twenty. If any additional fees or extensions of time are required, please charge to Deposit Account No. 50-1482.

Respectfully submitted,

CARLSON, GASKEY & OLDS
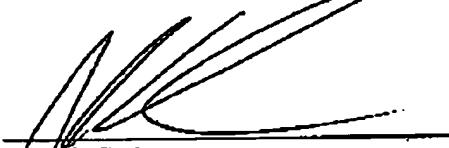
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Dated: February 23, 2005

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PATENT APPLICATION FEE DETERMINATION RECORD
Effective October 1, 2001

Application or Docket Number

10083774

CLAIMS AS FILED - PART I

	(Column 1)	(Column 2)
TOTAL CLAIMS	25	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	25 minus 20=	* 5
INDEPENDENT CLAIMS	4 minus 3 =	* 1
MULTIPLE DEPENDENT CLAIM PRESENT		☐

* If the difference in column 1 is less than zero, enter "0" in column 2

SMALL ENTITY TYPE ☐		OR	OTHER THAN SMALL ENTITY	
RATE	FEE		RATE	FEE
BASIC FEE	370.00	OR	BASIC FEE	740.00
X$ 9=		OR	X$18=	90
X42=		OR	X84=	84
+140=		OR	+280=	
TOTAL		OR	TOTAL	914

CLAIMS AS AMENDED - PART II

AMENDMENT A

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	* 89	Minus	** 25	= 4
Independent	* 6	Minus	*** 4	= 2
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

SMALL ENTITY		OR	OTHER THAN SMALL ENTITY	
RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18=	200.
X42=		OR	X84=	200.
+140=		OR	+280=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT B

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18=	
X42=		OR	X84=	
+140=		OR	+280=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

AMENDMENT C

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA
Total	*	Minus	**	=
Independent	*	Minus	***	=
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM				☐

RATE	ADDITIONAL FEE		RATE	ADDITIONAL FEE
X$ 9=		OR	X$18=	
X42=		OR	X84=	
+140=		OR	+280=	
TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.